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an interrogating device 1620 so as to see how product 1604 fared during travel. The shipping company may have persons 1622 to take the reading or this may occur automatically at destination 1614. Data acquired from sensor 1602 may for example include impact (or "acceleration informa- 5 tion") and temperature, each preferably with a time stamp help track event occurrences (e.g., an acceleration event greater than 10 g's at 9:10 AM, Monday). Multiple sensors 1602 provide for detecting event occurrences at different locations on product 1604. This is particularly useful for 10 complex medical devices that may have a relatively sturdy base and a fragile robotic arm, each with different performance specifications (e.g., each with a maximum load allowance); sensors 1602 may thus each attach to separate area of product 1604 so that product integrity information 1619 may be determined for multiple locations. Data from device 1620 may communicate automatically, via link 1621, and back to facility 1610 through network 1630 (e.g., the Internet) and through a firewall 1632 so as to communicate product integrity information, in near real-time, to the com- 20 pany of product 1604. In this way, this company may better manage its brand integrity of product 1604 during shipment. If a damaging event occurred to product 1604, during shipment, that company will learn about it and may ship a replacement product (or move to refurbish product 1604). 25

1. A method for establishing product integrity after shipment from a first location to a second location, comprising the steps of:

What is claimed is:

attaching a plurality of identical smart sensors directly to 30 the product at the first location, the step of attaching comprising attaching the identical smart sensors to different locations on the product, each of the identical smart sensors configured to detect like environmental condition; 35

monitoring the environmental condition of the product via the identical smart sensors during shipment, wherein the step of monitoring the environmental condition comprises detecting acceleration at at least one of the identical smart sensors;

wirelessly communicating the environmental condition from the identical smart sensors to a receiver at the second location; and

communicating the environmental condition from the receiver to a third location.

- 2. The method of claim 1, wherein the step of communicating the environmental condition to the third location comprises communicating the environmental condition through the Internet.
- **3.** The method of claim **1**, further comprising interrogating, with the receiver, the identical smart sensors at the second location, and before the step of wirelessly communicating.
- 4. The method of claim 1, the step of attaching the identical smart sensors comprising attaching at least one

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accelerometer to the product, and further comprising detecting free fall to determine a drop distance of the product.

- 5. The method of claim 1, the step of monitoring environmental condition further comprising monitoring temperature relative to preset temperature guidelines of the product.
- **6**. The method of claim **1**, the step of monitoring environmental condition comprising monitoring acceleration.
- 7. The method of claim 1, further comprising the steps of storing and time-tagging event occurrences that exceed performance specifications of the product.
- **8**. The method of claim **1**, the step of attaching the identical smart sensors comprising attaching a plurality of accelerometers to the product, wherein the environmental condition comprises impact of the product.
- 9. The method of claim 1, the step of attaching comprising sticking the identical smart sensors onto the product.
- 10. The method of claim 1, wherein the third location is the first location.
- 11. A system for determining integrity of a product through shipment, comprising:
 - (a) a plurality of identical smart sensors for direct attachment to different locations on the product and (b) an interrogating device, the identical smart sensors monitoring like environmental condition of the product during shipment and wirelessly communicating data about the environmental condition to the interrogating device during or after shipment, the interrogating device communicating the environmental condition over a network, wherein the identical smart sensors comprise an accelerometer and the environmental condition comprises acceleration.
- 12. The system of claim 11, the network comprising the Internet.
- 13. The system of claim 11, the interrogating device comprising hand-held electronics.
- **14**. The system of claim **11**, the environmental condition comprising one or both of impact and temperature.
- 15. The system of claim 11, the environmental condition comprising free fall to determine a drop distance of the product.
- **16**. The system of claim **11**, the environmental condition comprising at least one acceleration event.
- 17. The system of claim 11, the environmental condition comprising a preset temperature.
- ${f 18}.$ The system of claim ${f 11},$ the identical smart reporting the data as events with time stamp.
- 19. The system of claim 18, the identical smart comprising a real time clock to provide time for the time stamp.
- 20. The system of claim 11, further comprising a plurality of interrogating devices to capture the environmental condition during shipment and after shipment.

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